

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

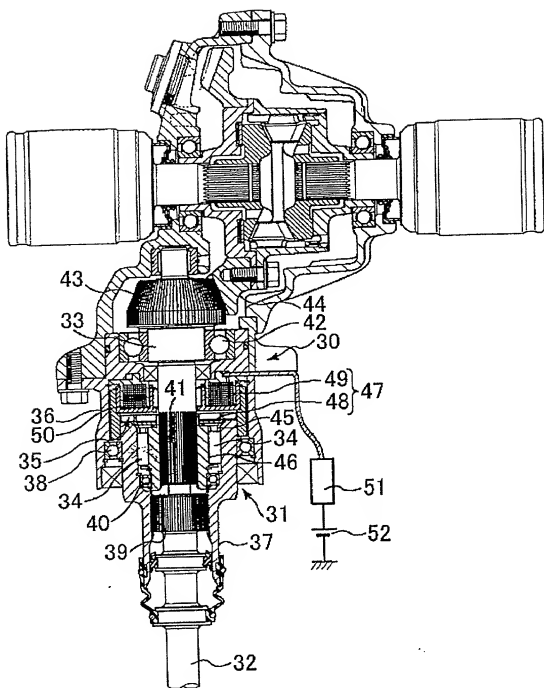


FIG. 2(c)

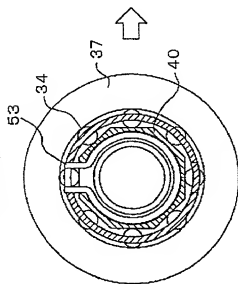
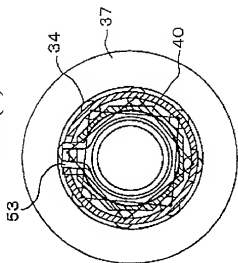
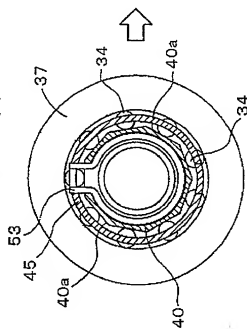


FIG. 2(d)



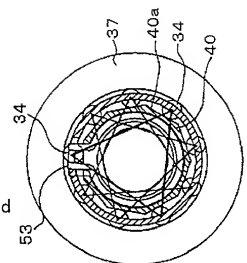
Free

FIG. 2(a)



Locked

FIG. 2(b)



1002000 32113600

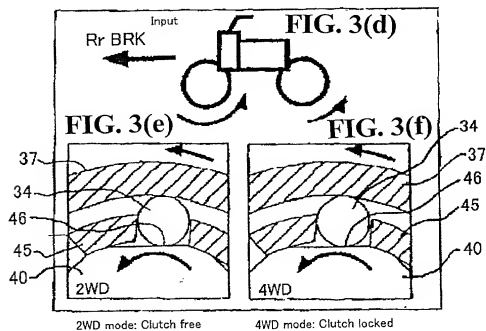
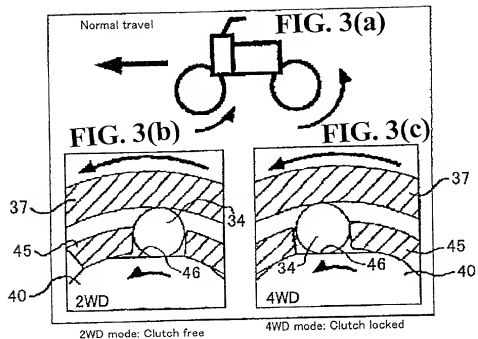


FIG. 4

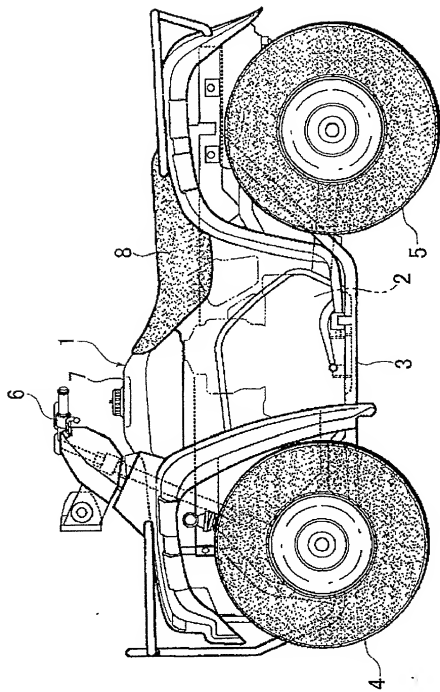




FIG. 6

